Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur

# EMB

## "FIRST AND FINAL BILL"

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dre | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | 1.20 | 1.05 | 14.87 | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | 1.20 | 1.05 | 7.06 | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | 1.20 | 1.05 | 4.54 | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | 1.20 | 1.05 | 5.04 | |
| | Ch: 121.40 to 124.40m | | 1 | 3.00 | 1.20 | 1.05 | 3.78 | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | 1.20 | 1.05 | 1.64 | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | 1.20 | 1.05 | 6.80 | |
| | Ch: 131.10 to 135.30m | | 1 | 4.20 | 1.20 | 1.05 | 5.29 | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | |
| | Ch: 152.00 to 156.00m | | | 4.00 | | | | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | 1.20 | 1.05 | 4.03 | |
| | **LHS Continued** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | 1.20 | 1.05 | 22.93 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | 1.20 | 1.05 | 31.00 | |
| | **RHS, From dead end** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | 1.20 | 1.05 | 28.98 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | 1.20 | 1.05 | 20.03 | |
| | **Road Gap** | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ch: 0 to 9.30m | | 1 | 9.30 | 1.20 | 1.05 | 11.72 | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | |
| | Ch: 12.20 to 14.20m | | 1 | 2.20 | 1.20 | 1.05 | 2.77 | |
| | Ch: 14.20 to 18.00m | | | 3.60 | | | | |
| | Ch: 18 to 48.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 48.00 to 78.00m | | 1 | 30.00 | 1.20 | 1.05 | 37.80 | |
| | Ch: 78.00 to 93.00m | | 1 | 15.00 | 1.20 | 1.05 | 18.90 | |
| | **Culvert** | | | | | | | |
| | **RHS** | | 1 | 6.80 | 1.50 | 1.00 | 10.20 | |
| | **RHS** | | 1 | 5.30 | 1.50 | 1.05 | 8.35 | |
| | **LHS** | | 1 | 6.90 | 1.50 | 1.05 | 10.87 | |
| | **Leadoff, RHS To LHS** | | 1 | 8.20 | 1.50 | 1.05 | 12.92 | |
| | | | | | | **Present Qty** | **836.51** | **Cum** |

Contractor

NEWZEN CONSULTANT BANGALORE

PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Executive Engineer,

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| | Detailed Measurements | | | | | | | |
| 2 | KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundatio | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | 1.20 | 0.15 | 2.12 | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | 1.20 | 0.15 | 1.01 | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | 1.20 | 0.15 | 0.65 | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | 1.20 | 0.15 | 0.72 | |
| | Ch: 121.40 to 124.40m | | 1 | 3.00 | 1.20 | 0.15 | 0.54 | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | 1.20 | 0.15 | 0.23 | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | 1.20 | 0.15 | 0.97 | |
| | Ch: 131.10 to 135.30m | | 1 | 4.20 | 1.20 | 0.15 | 0.76 | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | |
| | Ch: 152.00 to 156.00m | | | 4.00 | | | | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | 1.20 | 0.15 | 0.58 | |
| | **LHS Continued** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | 1.20 | 0.15 | 3.28 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | 1.20 | 0.15 | 4.43 | |
| | **RHS, From dead end** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | 1.20 | 0.15 | 4.14 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.20 | 0.15 | 5.40 | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | 1.20 | 0.15 | 2.86 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 9.30m | | 1 | 9.30 | 1.20 | | | 0.15 | 1.67 | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | | | |
| | Ch: 12.20 to 14.20m | | 1 | 2.20 | 1.20 | | | 0.15 | 0.40 | |
| | Ch: 14.20 to 18.00m | | | 3.60 | | | | | | |
| | Ch: 18 to 48.00m | | 1 | 30.00 | 1.20 | | | 0.15 | 5.40 | |
| | Ch: 48.00 to 78.00m | | 1 | 30.00 | 1.20 | | | 0.15 | 5.40 | |
| | Ch: 78.00 to 93.00m | | 1 | 15.00 | 1.20 | | | 0.15 | 2.70 | |
| | **Culvert** | | | | | | | | | |
| | **RHS** | | 1 | 6.80 | 1.50 | | | 0.15 | 1.53 | |
| | **RHS** | | 1 | 5.30 | 1.50 | | | 0.15 | 1.19 | |
| | **LHS** | | 1 | 6.90 | 1.50 | | | 0.15 | 1.55 | |
| | **Leadoff, RHS To LHS** | | 1 | 8.20 | 1.50 | | | 0.15 | 1.85 | |
| | **CC Road** | | | | | | | | | |
| | **Dead End** | | | | B1 | B2 | Avg B | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.15 | 22.95 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 5.00 | 5.40 | 5.20 | 0.15 | 23.40 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 5.40 | 5.00 | 5.20 | 0.15 | 23.40 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 5.00 | 4.60 | 4.80 | 0.15 | 21.60 | |
| | Ch: 120 to 133.00m | | 1 | 13.00 | 4.60 | 5.00 | 4.80 | 0.15 | 9.36 | |
| | **Continued After culvert** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.15 | 22.95 | |
| | Ch: 30 to 42.00m | | 1 | 12.00 | 5.00 | 5.60 | 5.30 | 0.15 | 9.54 | |
| | | | | | | | | **Present Qty** | **252.77** | **Cum** |

Contractor

NEWZEN CONSULTANT * BANGALORE * PMC

Assistant Engineer

Executive Engineer

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| | Detailed Measurements | | | | | | | |
| 3 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well competed for walls and bottom including centring shuttering cost of material HOM of | | | | | | | |
| | **RAFT** | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | 1.10 | 0.15 | 1.95 | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | 1.10 | 0.15 | 0.92 | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | 1.10 | 0.15 | 0.59 | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | 1.10 | 0.15 | 0.66 | |
| | Ch: 121.40 to 124.40m | | 1 | 3.00 | 1.10 | 0.15 | 0.50 | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | 1.10 | 0.15 | 0.21 | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | 1.10 | 0.15 | 0.89 | |
| | Ch: 131.10 to 135.30m | | 1 | 4.20 | 1.10 | 0.15 | 0.69 | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | |
| | Ch: 152.00 to 156.00m | | | 4.00 | | | | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | 1.10 | 0.15 | 0.53 | |
| | **LHS Continued** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | 1.10 | 0.15 | 3.00 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | 1.10 | 0.15 | 4.06 | |
| | **RHS, From dead end** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | 1.10 | 0.15 | 3.80 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | 1.10 | 0.15 | 2.62 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 9.30m | | 1 | 9.30 | 1.10 | 0.15 | 1.53 | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | |
| | Ch: 12.20 to 14.20m | | 1 | 2.20 | 1.10 | 0.15 | 0.36 | |
| | Ch: 14.20 to 18.00m | | | 3.60 | | | | |
| | Ch: 18 to 48.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 48.00 to 78.00m | | 1 | 30.00 | 1.10 | 0.15 | 4.95 | |
| | Ch: 78.00 to 93.00m | | 1 | 15.00 | 1.10 | 0.15 | 2.48 | |
| | **WALL** | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Ch: 0 to 30m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 30 to 60m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 60 to 90m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 90 to 101.80m | | 2 | 11.80 | 0.15 | 0.60 | 2.12 | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | |
| | Ch: 105.00 to 110.60m | | 2 | 5.60 | 0.15 | 0.65 | 1.09 | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | |
| | Ch: 113.80 to 117.40m | | 2 | 3.60 | 0.15 | 0.65 | 0.70 | |
| | Ch: 117.40 to 121.40m | | 2 | 4.00 | 0.15 | 0.65 | 0.78 | |
| | Ch: 121.40 to 124.40m | | 2 | 3.00 | 0.15 | 0.65 | 0.59 | |
| | Ch: 124.40 to 125.70m | | 2 | 1.30 | 0.15 | 0.65 | 0.25 | |
| | Ch: 125.70 to 131.10m | | 2 | 5.40 | 0.15 | 0.65 | 1.05 | |
| | Ch: 131.10 to 135.30m | | 2 | 4.20 | 0.15 | 0.65 | 0.82 | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | |
| | Ch: 152.00 to 156.00m | | | 4.00 | | | | |
| | Ch: 156.00 to 159.20m | | 2 | 3.20 | 0.15 | 0.65 | 0.62 | |
| | **LHS Continued** | | | | | | | |
| | Ch: 0 to 30m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 30 to 60m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 60 to 90m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 90 to 120.00m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 120 to 150.00m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 150 to 180.00m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 180 to 210.00m | | 2 | 30.00 | 0.15 | 0.65 | 5.85 | |
| | Ch: 210 to 228.20m | | 2 | 18.20 | 0.15 | 0.65 | 3.55 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 24.6m | | 2 | 24.60 | 0.15 | 0.65 | 4.80 | |
| | **RHS, From dead end** | | | | | | | |
| | Ch: 0 to 30m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 30 to 60m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 60 to 90m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 90 to 113.00m | | 2 | 23.00 | 0.15 | 0.60 | 4.14 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 30m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 30 to 45.90m | | 2 | 15.90 | 0.15 | 0.60 | 2.86 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 9.30m | | 2 | 9.30 | 0.15 | 0.65 | 1.81 | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ch: 12.20 to 14.20m | | 2 | 2.20 | 0.15 | 0.60 | 0.40 | |
| | Ch: 14.20 to 18.00m | | | 3.60 | | | | |
| | Ch: 18 to 48.00m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 48.00 to 78.00m | | 2 | 30.00 | 0.15 | 0.60 | 5.40 | |
| | Ch: 78.00 to 93.00m | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | **Culvert RAFT** | | | | | | | |
| | **RHS** | | 1 | 6.80 | 1.30 | 0.23 | 2.03 | |
| | **RHS** | | 1 | 5.30 | 1.30 | 0.23 | 1.58 | |
| | **LHS** | | 1 | 6.90 | 1.30 | 0.23 | 2.06 | |
| | **Leadoff, RHS To LHS** | | 1 | 8.20 | 1.30 | 0.23 | 2.45 | |
| | **Culvert WALL** | | | | | | | |
| | **RHS** | | 2 | 6.80 | 0.23 | 0.55 | 1.72 | |
| | **RHS** | | 2 | 5.30 | 0.23 | 0.55 | 1.34 | |
| | **LHS** | | 2 | 6.90 | 0.23 | 0.55 | 1.75 | |
| | **Leadoff, RHS To LHS** | | 2 | 8.20 | 0.23 | 0.55 | 2.07 | |
| | | | | | | **Present Qty** | **236.85** | **Cum** |

Contractor

NEWZEN CONSULTANT BANGALORE

PMC

Assistant Engineer

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ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Executive Engineer

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 4 | KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Total Drain length=132.10m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=1321.00Nos | | 1321 | 2.20 | | 0.61 | 1772.78 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 110mm | | | | | | | |
| | 0.61kg/mtr | | 19 | 132.10 | | 0.61 | 1531.04 | |
| | **LHS Continued** | | | | | | | |
| | Total Drain length=252.80m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=2528.00Nos | | 2528 | 2.20 | | 0.61 | 3392.58 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 110mm | | | | | | | |
| | 0.61kg/mtr | | 19 | 252.80 | | 0.61 | 2929.95 | |
| | **RHS, From dead end** | | | | | | | |
| | Total Drain length=245.40m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=2454.00Nos | | 2454 | 2.20 | | 0.61 | 3293.27 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 110mm | | | | | | | |
| | 0.61kg/mtr | | 19 | 245.40 | | 0.61 | 2844.19 | |
| | **Culvert** | | | | | | | |
| | Total Drain length=27.20m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=1149.00Nos | | 544 | 2.20 | | 0.61 | 730.05 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 150mm | | | | | | | |
| | 0.61kg/mtr | | 26 | 27.20 | | 0.61 | 431.39 | |
| | | | | | | | 16925.24 | |
| | | | | | | **Present Qty** | **16.93** | **Ton** |

Contractor

NEWZEN CONSULTANT * BANGALORE * PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬಿ.ಡಿ.ಎ.ಪ್ರ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 7 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | |
| | **Main Road** | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | 0.20 | 0.10 | 0.24 | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | 0.20 | 0.10 | 0.11 | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | 0.20 | 0.10 | 0.07 | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | 0.20 | 0.10 | 0.08 | |
| | Ch: 121.40 to 124.40m | | | 3.00 | | | | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | 0.20 | 0.10 | 0.03 | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | 0.20 | 0.10 | 0.11 | |
| | Ch: 131.10 to 135.30m | | | 4.20 | | | | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | |
| | Ch: 152.00 to 156.00m | | 1 | 4.00 | 0.20 | 0.10 | 0.08 | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | 0.20 | 0.10 | 0.06 | |
| | **LHS Continued** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | 0.20 | 0.10 | 0.36 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | 0.20 | 0.10 | 0.49 | |
| | **RHS, From dead end** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | 0.20 | 0.10 | 0.46 | |
| | **Road Gap** | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | 0.20 | 0.10 | 0.32 | |
| | **Road Gap** | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ch: 0 to 9.30m | | 1 | 9.30 | 0.20 | 0.10 | 0.19 | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | |
| | Ch: 12.20 to 14.20m | | 1 | 2.20 | 0.20 | 0.10 | 0.04 | |
| | Ch: 14.20 to 18.00m | | | 3.60 | | | | |
| | Ch: 18 to 48.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 48.00 to 78.00m | | 1 | 30.00 | 0.20 | 0.10 | 0.60 | |
| | Ch: 78.00 to 93.00m | | 1 | 15.00 | 0.20 | 0.10 | 0.30 | |
| | | | | | | **Present Qty** | **12.54** | **Cum** |

Contractor

NEWZEN CONSULTANT BANGALORE PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | | | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and | | | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | | | |
| | **CC Road** | | | | | | | | | |
| | **Dead End** | | | | B1 | B2 | Avg B | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.20 | 30.60 | |
| | Ch: 30 to 60m | | 1 | 30.00 | 5.00 | 5.40 | 5.20 | 0.20 | 31.20 | |
| | Ch: 60 to 90m | | 1 | 30.00 | 5.40 | 5.00 | 5.20 | 0.20 | 31.20 | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 5.00 | 4.60 | 4.80 | 0.20 | 28.80 | |
| | Ch: 120 to 133.00m | | 1 | 13.00 | 4.60 | 5.00 | 4.80 | 0.20 | 12.48 | |
| | **Continued After culvert** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.20 | 30.60 | |
| | Ch: 30 to 42.00m | | 1 | 12.00 | 5.00 | 5.60 | 5.30 | 0.20 | 12.72 | |
| | | | | | | | | **Present Qty** | **177.60** | **Cum** |

Contractor

NEWZEN CONSULTANT * BANGALORE * PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Asst. Executive Engineer

| of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| of Pre-Measurement : | | | | | | | | | |
| Detailed Measurements | | | | | | | | | |
| | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
| | KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking | | | | | | | | | |
| | **Pre-measurement sheet no 1 to 2** | | | | | | 836.51 | | | |
| | | | | | | **Present Qty** | **836.51** | **Cum** | **215.28** | **180084.00** |
| 2 | KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days | | | | | | | | | |
| | **Pre-measurement sheet no 3 to 4** | | | | | | 252.77 | | | |
| | | | | | | **Present Qty** | **252.77** | **Cum** | **5421.90** | **1370516.00** |
| 3 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of | | | | | | | | | |
| | **Pre-measurement sheet no 5 to 7** | | | | | | 236.85 | | | |
| | | | | | | **Present Qty** | **236.85** | **Cum** | **7070.20** | **1674605.00** |
| 4 | KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be | | | | | | | | | |
| | **Pre-measurement sheet no 8** | | | | | | 16.93 | | | |
| | | | | | | **Present Qty** | **16.93** | **Ton** | **73992.24** | **1252337.00** |
| 7 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and | | | | | | | | | |
| | **Pre-measurement sheet no 9 to 10** | | | | | | 12.54 | | | |
| | | | | | | **Present Qty** | **12.54** | **Cum** | **5747.32** | **72083.00** |
| 10 | KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. | | | | | | | | | |
| | **Pre-measurement sheet no 11** | | | | | | 177.60 | | | |
| | | | | | | **Present Qty** | **177.60** | **Cum** | **973.42** | **172880.00** |

Contractor

NEWGEN CONSULTANT BANGALORE PMC

Assistant Engineer

Asst. Executive Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur

of Measurement :

Detailed Measurements

| Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished | | | | | | | | | |
| **Basavalingappa Nagar** | | | | | | | | | |
| **Main Road** | | | | | | | | | |
| **LHS, From Sambram college Rd** | | | | | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 30 to 60m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 60 to 90m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 90 to 101.80m | | 1 | 11.80 | 0.90 | | 10.62 | | | |
| Ch: 101.80 to 105.00m | | | 3.20 | | | | | | |
| Ch: 105.00 to 110.60m | | 1 | 5.60 | 0.90 | | 5.04 | | | |
| Ch: 110.60 to 113.80m | | | 3.20 | | | | | | |
| Ch: 113.80 to 117.40m | | 1 | 3.60 | 0.90 | | 3.24 | | | |
| Ch: 117.40 to 121.40m | | 1 | 4.00 | 0.90 | | 3.60 | | | |
| Ch: 121.40 to 124.40m | | 1 | 3.00 | 0.90 | | 2.70 | | | |
| Ch: 124.40 to 125.70m | | 1 | 1.30 | 0.90 | | 1.17 | | | |
| Ch: 125.70 to 131.10m | | | 5.40 | | | | | | |
| Ch: 131.10 to 135.30m | | 1 | 4.20 | 0.90 | | 3.78 | | | |
| **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | | | |
| Ch: 152.00 to 156.00m | | | 4.00 | | | | | | |
| Ch: 156.00 to 159.20m | | 1 | 3.20 | 0.90 | | 2.88 | | | |
| **LHS Continued** | | | | | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 30 to 60m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 60 to 90m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 90 to 120.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 120 to 150.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 150 to 180.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 180 to 210.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 210 to 228.20m | | 1 | 18.20 | 0.90 | | 16.38 | | | |
| **Road Gap** | | | | | | | | | |
| Ch: 0 to 24.6m | | 1 | 24.60 | 0.90 | | 22.14 | | | |
| **RHS, From dead end** | | | | | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 30 to 60m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 60 to 90m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 90 to 113.00m | | 1 | 23.00 | 0.90 | | 20.70 | | | |
| **Road Gap** | | | | | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch: 30 to 45.90m | | 1 | 15.90 | 0.90 | | 14.31 | | | |
| **Road Gap** | | | | | | | | | |
| Ch: 0 to 9.30m | | 1 | 9.30 | 0.90 | | 8.37 | | | |
| **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | | | |
| Ch: 12.20 to 14.20m | | 1 | 2.20 | 0.90 | | 1.98 | | | |
| Ch: 14.20 to 18.00m | | | 3.60 | | | | | | |
| Ch: 18 to 48.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |

28/01/2020

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| h: 48.00 to 78.00m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| h: 78.00 to 93.00m | | 1 | 15.00 | 0.90 | | 13.50 | | | |
| | | | | | **Present Qty** | **562.41** | **Sqm** | ***2337.00*** | ***1314353.00*** |

Contractor

PMC

Assistant Engineer

Executive Engineer

me of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur

e of Measurement :

Detailed Measurements

| n o | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 5 | Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) | | | | | | | | | |
| | **Culvert** | | | | | | | | | |
| | **RHS** | | 1 | 6.80 | 1.20 | | 8.16 | | | |
| | **RHS** | | 1 | 5.30 | 1.20 | | 6.36 | | | |
| | **LHS** | | 1 | 6.90 | 1.20 | | 8.28 | | | |
| | **Leadoff, RHS To LHS** | | 1 | 8.20 | 1.20 | | 9.84 | | | |
| | | | | | | **Present Qty** | **32.64** | **Sqm** | **5418.00** | **176844.00** |

Contractor

PMC

Assistant Engineer

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ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿ ಕಾರ್ಯವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

**Name of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Date of Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| 8 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and | | | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | | | |
| | **Main Road** | | | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | | | 26.00 | | | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | | | 12.00 | | | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | | | 8.00 | | | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | | | 9.00 | | | |
| | Ch: 121.40 to 124.40m | | | 3.00 | | | | | | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | | | 3.00 | | | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | | | 12.00 | | | |
| | Ch: 131.10 to 135.30m | | | 4.20 | | | | | | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | | | |
| | Ch: 152.00 to 156.00m | | 1 | 4.00 | | | 9.00 | | | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | | | 7.00 | | | |
| | **LHS Continued** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | | | 40.00 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | | | 55.00 | | | |
| | **RHS, From dead end** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | | | 51.00 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | | | 67.00 | | | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | | | 35.00 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 9.30m | | 1 | 9.30 | | | 21.00 | | | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ch: 12.20 to 14.20m | | 1 | 2.20 | | | 5.00 | | | |
| Ch: 14.20 to 18.00m | | | 3.60 | | | | | | |
| Ch: 18 to 48.00m | | 1 | 30.00 | | | 67.00 | | | |
| Ch: 48.00 to 78.00m | | 1 | 30.00 | | | 67.00 | | | |
| Ch: 78.00 to 93.00m | | 1 | 15.00 | | | 33.00 | | | |
| | | | | | **Present Qty** | **1398.00** | **Nos** | **432.48** | **604608.00** |

Contractor

PMC

Assistant Engineer

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ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ-೨
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

Name of Work: **Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Mode of Measurement :

Detailed Measurements

| Item No. | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19) | | | | | | | | | |
| | **Basavalingappa Nagar** | | | | | | | | | |
| | **Main Road** | | | | | | | | | |
| | **LHS, From Sambram college Rd** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 90 to 101.80m | | 1 | 11.80 | 0.40 | | 4.72 | | | |
| | Ch: 101.80 to 105.00m | | | 3.20 | | | | | | |
| | Ch: 105.00 to 110.60m | | 1 | 5.60 | 0.40 | | 2.24 | | | |
| | Ch: 110.60 to 113.80m | | | 3.20 | | | | | | |
| | Ch: 113.80 to 117.40m | | 1 | 3.60 | 0.40 | | 1.44 | | | |
| | Ch: 117.40 to 121.40m | | 1 | 4.00 | 0.40 | | 1.60 | | | |
| | Ch: 121.40 to 124.40m | | | 3.00 | | | | | | |
| | Ch: 124.40 to 125.70m | | 1 | 1.30 | 0.40 | | 0.52 | | | |
| | Ch: 125.70 to 131.10m | | 1 | 5.40 | 0.40 | | 2.16 | | | |
| | Ch: 131.10 to 135.30m | | | 4.20 | | | | | | |
| | **Gap, Ch: 135.30 to 152.0m** | | | 16.70 | | | | | | |
| | Ch: 152.00 to 156.00m | | 1 | 4.00 | 0.40 | | 1.60 | | | |
| | Ch: 156.00 to 159.20m | | 1 | 3.20 | 0.40 | | 1.28 | | | |
| | **LHS Continued** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 90 to 120.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 120 to 150.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 150 to 180.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 180 to 210.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 210 to 228.20m | | 1 | 18.20 | 0.40 | | 7.28 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 24.6m | | 1 | 24.60 | 0.40 | | 9.84 | | | |
| | **RHS, From dead end** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 30 to 60m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 60 to 90m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 90 to 113.00m | | 1 | 23.00 | 0.40 | | 9.20 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 30m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| | Ch: 30 to 45.90m | | 1 | 15.90 | 0.40 | | 6.36 | | | |
| | **Road Gap** | | | | | | | | | |
| | Ch: 0 to 9.30m | | 1 | 9.30 | 0.40 | | 3.72 | | | |
| | **Gap, Ch: 9.30 to 12.20m** | | | 2.90 | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ch: 12.20 to 14.20m | | 1 | 2.20 | 0.40 | | 0.88 | | | |
| Ch: 14.20 to 18.00m | | | 3.60 | | | | | | |
| Ch: 18 to 48.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| Ch: 48.00 to 78.00m | | 1 | 30.00 | 0.40 | | 12.00 | | | |
| Ch: 78.00 to 93.00m | | 1 | 15.00 | 0.40 | | 6.00 | | | |
| | | | | | **Present Qty** | **250.84** | **Sqm** | **84.80** | **21272.00** |

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer,

Name of Work: **Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

Unit of Measurement :

Detailed Measurements

| Discription of Item | | No | Length | Breadth | | | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine | | | | | | | | | | | |
| **Basavalingappa Nagar** | | | | | | | | | | | |
| **CC Road** | | | | | | | | | | | |
| **Dead End** | | | | B1 | B2 | Avg B | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.15 | 22.95 | | | |
| Ch: 30 to 60m | | 1 | 30.00 | 5.00 | 5.40 | 5.20 | 0.15 | 23.40 | | | |
| Ch: 60 to 90m | | 1 | 30.00 | 5.40 | 5.00 | 5.20 | 0.15 | 23.40 | | | |
| Ch: 90 to 120.00m | | 1 | 30.00 | 5.00 | 4.60 | 4.80 | 0.15 | 21.60 | | | |
| Ch: 120 to 133.00m | | 1 | 13.00 | 4.60 | 5.00 | 4.80 | 0.15 | 9.36 | | | |
| **Continued After culvert** | | | | | | | | | | | |
| Ch:0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | 0.15 | 22.95 | | | |
| Ch: 30 to 42.00m | | 1 | 12.00 | 5.00 | 5.60 | 5.30 | 0.15 | 9.54 | | | |
| | | | | | | | **Present Qty** | **133.20** | **Cum** | **5210.96** | **694100.00** |

Contractor

PMC

Assistant Engineer

**me of Work: Providing cement concrete road and drain and culverts in Basavalingappa Nagara and other surrounding areas in Ward No. 03 Attur**

of Measurement :

Detailed Measurements

| Discription of Item | | No | Length | Breadth | | | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and disc etc. with all lead and lift. (Page No 176 Item No 22.7) | | | | | | | | | | | |
| **Basavalingappa Nagar** | | | | | | | | | | | |
| **CC Road** | | | | | | | | | | | |
| **Dead End** | | | | B1 | B2 | Avg B | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | | 153.00 | | | |
| Ch: 30 to 60m | | 1 | 30.00 | 5.00 | 5.40 | 5.20 | | 156.00 | | | |
| Ch: 60 to 90m | | 1 | 30.00 | 5.40 | 5.00 | 5.20 | | 156.00 | | | |
| Ch: 90 to 120.00m | | 1 | 30.00 | 5.00 | 4.60 | 4.80 | | 144.00 | | | |
| Ch: 120 to 133.00m | | 1 | 13.00 | 4.60 | 5.00 | 4.80 | | 62.40 | | | |
| **Continued After culvert** | | | | | | | | | | | |
| Ch: 0 to 30m | | 1 | 30.00 | 5.20 | 5.00 | 5.10 | | 153.00 | | | |
| Ch: 30 to 42.00m | | 1 | 12.00 | 5.00 | 5.60 | 5.30 | | 63.60 | | | |
| | | | | | | | **Present Qty** | **888.00** | **Sqm** | **72.08** | **64008.00** |
| | | | | | | | | | | **Total** | **7597690.00** |
| | | | | | | | | | | **12% GST** | **911723.00** |
| | | | | | | | | | | **4% KRIDL** | **303908.00** |
| | | | | | | | | | | **Grand Total** | **8813321.00** |

Contractor

PMC

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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